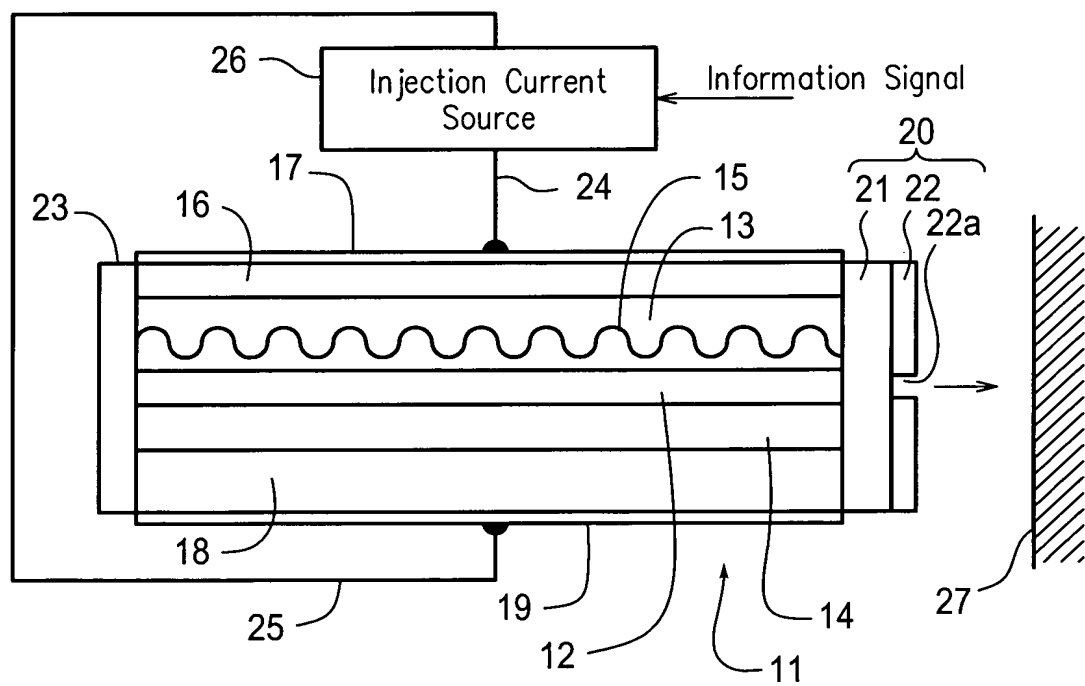


FIG. 1



The diagram illustrates a magnetic recording head assembly. An **Injection Current Source** (26) provides an **Information Signal** to a coil (13) wound around a core (12). The core (12) is part of a head assembly (11) that includes a slider (14) and a substrate (27). The slider (14) is positioned over a recording medium (20), which is divided into tracks (21, 22) and a gap (22a). The head assembly (11) is mounted on a base (25) via a pivot (19). A **Voltage Change Detecting Circuit** (28) is connected to the head assembly (11) and outputs a **Reproduced Signal**. The circuit (28) is also connected to the injection current source (26) via a line (23). The head assembly (11) is further connected to the base (25) via a line (18).



FIG. 3

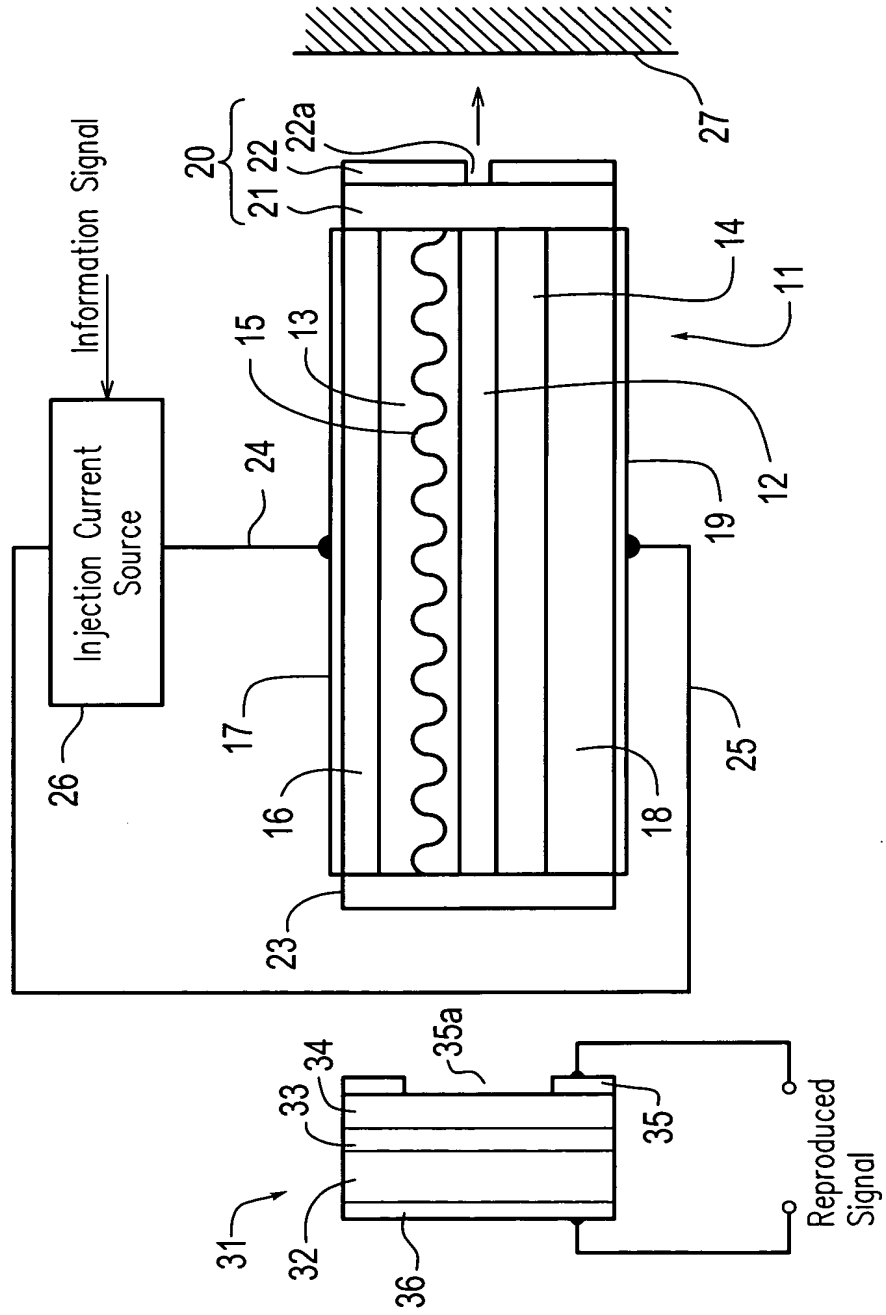


FIG. 4

